



Montana Department of Transportation
PO Box 201001
Helena, MT 59620-1001

MEMORANDUM

To: See Distribution
From: Kevin Christensen, P.E.
Construction Engineer
Date: October 7, 2008
Subject: Supplemental Specification Revision: 620.03.3, Temporary and Interim Pavement Markings

The Construction Administration Services Bureau is proposing revisions to Standard Specification 620.03.3, Temporary and Interim Pavement Markings, following the Standard Specification Revision Process outlined in the Construction Engineer's Memorandum dated May 2008. The following information is provided.

1. Standard Specification 620.03.3, Temporary and Interim Pavement Markings, will be modified.
2. The Proposed Draft of the change is attached along with this memorandum.
3. Revisions to the Standard Specifications are needed to address changes in striping procedures.
4. Those impacted by the change include:
Construction, Contractors, EPM's
5. The following individuals were consulted and/or involved in developing the proposed revisions:
CAS Bureau, CES Bureau, MCA

*It is requested that written comments on **the proposed revisions only**, be returned to mdtspecifications@mt.gov no later than October 31, 2008.*

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620.03.3 Temporary and Interim Pavement Markings

A. Materials. Furnish materials meeting Subsection 714.04 and 714.05 requirements.

D. Application. Apply the markings to within $\pm 1/4$ inch (6 mm) of the specified width.

- 1. Temporary Pavement Markings.** Apply a 10 mil ± 1 mil (0.254 mm \pm 0.025 mm) thick wet film immediately followed by applying at least 6 lbs/gallon (0.72 kg/L) of Montana Type 1 or 2 glass beads to temporary pavement markings on all sections of newly constructed pavement prior to top lift before opening to traffic. This includes detours, transitions, and all pavement lifts prior to top lift open to traffic. Temporary pavement markings may be used for a maximum 10 calendar days on pavements under traffic.

Remove, at Contractor expense, all temporary pavement markings that conflict with interim or final pavement markings. Remove conflicting temporary stripe(s) the same day the interim or final markings are applied.

- 2. Interim Pavement Markings.** Apply a 16 mil ± 1 mil (0.406 mm \pm 0.025 mm) thick wet film immediately followed by applying at least 8 lbs/gallon (0.96 kg/L) of Montana Type 1 or 2 glass beads. Apply interim pavement markings no later than 14 calendar days after the application of temporary pavement markings on intermediate lifts, and before opening to traffic on top lift.

Stripe newly constructed pavements, including partially completed sections. Apply the interim pavement markings matching the final pavement marking configurations and locations. Interim pavement markings placed prior to chip seal may be offset as approved by the Project Manager.

The Project Manager will suspend all remaining contract work if the interim striping is not applied within the time specified above.

- 3. Cold weather Interim Pavement Marking.** Use cold weather interim pavement markings on pavement markings placed after August 31st.

Apply an 18mil ± 1 mil (0.457 mm \pm 0.025 mm) thick wet film immediately followed by applying at least 8 lbs/gallon (0.96 kg/L) of Montana Type 1 or 2 glass beads. Apply interim pavement markings no later than 14 calendar days after the application of temporary pavement markings on intermediate lifts, and before opening to traffic on top lift.

Stripe newly constructed pavements, including partially completed sections. Apply the interim pavement markings matching the final pavement marking configurations and locations. Interim pavement markings placed prior to chip seal may be offset as approved by the Project Manager.

The Project Manager will suspend all remaining contract work if the interim striping is not applied within the time specified above.

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